

SOUTH PRODUCTION NOTES

**December 10, 2013
Afternoon Shift**

**BASF EMPLOYEES
159 Last Recordable
178 Last Lost Time**

Alumina Gel and building 9 are regulated areas due to Vanadium

CTO Dust Collector filters have been replaced.

#1 MED Clean for Al-5637: Continue cleaning for Al-5637

#1 RC / Clean for Al-5637: Continue cleaning for Al-5637

Exhaust to Trimer

Day shift: Need to put spiral back together and find sand to run through calciner.

Afternoon shift: Not worked on during shift.

Midnight Shift: No change.

#2 MED line/ D-0768: On hold until cooling water can be re-connected to the extruder. We will have to plug the 3rd floor on the south side of the mixer so that the end seal leak does not fall through to the pulva deck. There are 5 bags on the floor that need to be inspected and hand screened. First attempt to screen-out the D-1795 scattered material in the D-0768 bags did not go well. Will discuss further with Bill Grodecki to develop a more efficient method to screen-out the 1795 stuff.

Day Shift: Do not start until visitors leave today.

Afternoon shift: Still down, end seals have not been worked on as a part for the seals had to be ordered. Seals can be temporarily fixed (repacked) but we will need to eliminate leaking powder from going to 2nd floor mezzanine. Looking at plugging the floor openings and using dust collection hose to "vacuum" the powder when it leaks out of seals. Also, Lucas needs to reconnect water to mixer/extruder before we can run. Will look at this on Tuesday morning.

Midnight shift: No change. On hold.

#2 RC/ D-0768: Bringing Temperature down 100 degrees to re-feed 2 bags with longer extrusions. **We are changing Granulator screen back to 4 Mesh.**

Day shift: Dropping temp. 100 degrees to run 2 bags with longer extrusions.

Afternoon shift: Out of feed until extruder can get running again.

Midnight shift: No change.

Exhaust to TRIMER (having issues with CTO)

#3 MED line / D-1794 NAQ: More Siral 30 delivered, Continue.

Day shift: Restarted.

Afternoon shift: Ran out batch that was left in mixer from early Monday morning. On hold (see MED line #3 notes)

Midnight shift: No change. On hold until 1st shift.

#3 RC / D-1794 NAQ: Continue feeding (exhaust to the Trimer)

Exhaust to TRIMER (having issues with CTO)

Day shift: Continue running to Trimer.

Afternoon shift: Continue feeding bags

Midnight shift: Continued on.

Abbe Blender / D-5206: Continue on. Screener was cleaned Saturday, drain pump changed out Sunday.

Day shift: Down for contractors.

Afternoon shift: Continue on.

Midnight shift: Continued on.

National Dryer / 5206 : Continue to feed as batches come from the Abbe.

Day shift: Continue as material is available.

Afternoon shift: Continue on. Given guidance by Bill Grodecki to reefed the 3 wet bags that came off of dryer. Used hoist at #4 calciner to lift one of the bags, dropped material into a blue buggy, then transfer that material into National Dryer square buggy. Will work on the other two wet bags on Tuesday afternoon – no rush.

Midnight shift: Continued to feed.

#4 RC / D-5206: Relit calciner and began feeding again.

Exhaust to 4 DC

Day shift: Continue-watch feed rate.

Afternoon shift: Continue on.

Midnight shift: Continued on feeding.

HC-11 Tanks / Cu 5020: Continue on when they notify us.

Day shift: Down-changing filter belt in copper .

Afternoon shift: Continue on.

Midnight shift: Continued on

PK Blender / 1520: Completed batches. NOTE: please continue loading into 111 bags for direct shipment to PPT (as we were doing before shutting the PK down).

Day shift: Started-use lined bags to ship.

Afternoon shift: Continue on

Midnight shift: Did not run due to not having any 7005 or much solution. Need to confirm if we are done and if we are to clean for the 4011.

#5 RC / 1520: We will be repacking all remaining 1520 into lined bags in Building 9/using the PK. 4011 is Next. Calciner is down due to CTO issues and the need to switch #2 and #3 RCs over to the Trimer. Wear your respirators – Vanadium. Several bags of older material (and 8 drums of 1520). Were brought to the calciner. Confirm with John Bodmann which of the bags are ready to feed. Drums of 1520 will need to be repacked. 4 contaminated bags will be fed at end of run and kept separate.

Exhaust to Trimer

Day shift: DOWN. We will run RC 5 empty and repack remaining 1520 into line bags in B-9

Afternoon shift: Still down. Change-out of CTO filters and catalyst blocks being performed – we should have CTO back in a day or two.

Midnight shift: Still on hold. The CTO cartridges were removed and taken to solid waste. New ones have been staged and clamps brought over.

New Pfaudler / BE-0101: We have approval to use DI water/RO unit still down.

Day shift: 1 bag is on the floor at kiln/ Batch is in process..

Afternoon shift: 2+ bags material at kiln. Should be OK until sometime on Tuesday for next batch to be made.

Midnight shift: No batch made. Batch is scheduled to be made on 1st shift.

Old Pfaudler D-0756: Continue on. Be sure to keep the 6 bags next to #1 calciner on hold that were unloaded from the batch that had dried material in it.

Day shift: Hopper is full and Pfaudler is draining.

Afternoon shift: After pfaudler hopper was rinsed out, batch was being made middle of afternoon shift. Night shift will need to finish that batch, drop to hopper, then make next batch.

Midnight shift: Batch from afternoon shift was finished and a second batch was made.

#6 - RC / D-0756: Continue to feed calciner and watch the feed rate. Will probably have a gap before we can feed the next batch @ 10am.

Exhaust to Sly Scrubber

Day Shift: Down 4 buggies to feed. Batch will be made on 2nd.

Afternoon shift: Down to 2-3 buggies to feed. Batch being made late afternoon shift will not be ready to feed until middle of day shift (12 hour hold time).

Midnight shift: Continued to feed. Last buggy was fed late on midnight shift. Next buggy can be fed @ 10am.

Tower 3 / Cu-0860: Continue on. Loaded and running.

Day shift: Unloaded and reloaded this morning.

Afternoon shift: latest update from tower operator is that #3 will come down by end of 11-7 shift (Tuesday morning).

Midnight shift: Tower should be ready to unload early on day shift.

Tower 6 / E-406: Tower was loaded with E-406. Had issue lighting jacket burner – work notification was written but operator got it lit. OK for now.

Day shift: No Change.

Afternoon shift: Continue on. Several more days to go before coming down.

Midnight shift: No change.

Harrop Kiln - Al-3921 T 3/16”: Continue running. The automatic pusher at the cool down zone in the Kiln still not working. It appears as if the clutch is disengaging while pushing carts. Work notification written for one of the blowers on the kiln (#5 blower stopped working). NOTE: make sure we are using 45” pallets for the bags coming off of the kiln.

Day shift: Continued. 9 bags left as of 1:30pm today.

Afternoon shift: Continue on.

Midnight shift: Continued.

North Screener / Cu-0860: Continue on.

Day shift: Continued

Afternoon shift: Continue on

Midnight shift: Continued.

South Screener /Cu-0860: Continue on

Day shift: Continued

Afternoon shift: Continue on

Midnight shift: Continued

#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision whether to switch to 3915.

#2664 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

Day shift: No change.

Afternoon shift: No change.

Midnight shift: Continued cleaning/PMing machine.

Tunnel Kiln #2 / AI-3921: Completed.

Day shift: DOWN.

Afternoon shift: Down.

Midnight shift: Down.

Tunnel Kiln #4 / BE-0101: Continue loading/unloading. ..1 scoop per sagger-12 pounds.

Day shift: Continued.1 bag left on floor.

Afternoon shift: Continue...enough material on floor, next batch on new pfadler can be scheduled sometime Tuesday.

Midnight shift: Continued on. Next batch to be made on the pfadler on 1st shift.

Additional Notes:

***TRIMER: please be sure to monitor the sodium sulfide needs for the Trimer.**

***NOx: keep an eye on the suction readings on calciners #2 and #3. Need around .25-.30 to maintain good suction.**

***Someone is adding wet mix to the HAZ drum between #2 and #3 extruders! That is not what the drum should be used for. Clean up one of the two buggies by #2 extruder and re-assign it to #3 line for wet mix. Add the appropriate label.**

***Visitors will be here on Tuesday-need to clean and organize.**

***Review procedure change on the Pfadler.**

CTO blocks are in but a broken sencor needs replaced. CTO dust collector is complete.